

# Farm, Garden and Orchard Implements

Bateman and Companies, Inc.

347 MADISON AVENUE  
NEW YORK CITY

Manufacturers of

IRON AGE Cultivators, Potato Machinery, Sprayers,  
Planters, Garden Tools, etc.; CHICOPEE LINE Plows,  
Corn Huskers and small farm implements; McWHORTER  
Fertilizer Distributors, Seed Drills and Potato Planters;  
WILKINSON Plows, Scrapers, Wheelbarrows, etc.;  
CLARK'S Cutaway Harrows; CURTIS "Easy Pull"  
Manure Spreaders; WORCESTER-BUCKEYE Mowers;  
ACME Pulverizing Harrows, etc., etc.

District Sales Branches:

Glenloch, N. J., Worcester, Mass., and Chicopee Falls, Mass.

Post No. 1603—153M—5-20

# The *Chicopee* *Line* PLOWS



## CHARACTER IN-BUILT

ONCE upon a time man stirred the soil with a stick and the soil being rich, repaid him with all he needed. Once upon a time labor was plentiful and cheap, and the farmer thought little of efficiency.

Those days have gone forever. Now we have to plow deep and modern tools must thoroughly stir the soil to make its hidden stores of plant-food available. Highly efficient plows and cultivating machines must take the place of the help which has migrated to the cities.

CHICOPEE PLOWS have been manufactured by the Belcher and Taylor Agricultural Tool Company for many years, and have long been the standard wherever conditions were especially difficult. Their reputation has continued to grow, but character was always in them. Design and materials have kept step with the advance in farming meth-

ods so that today the farmer will find in these pages the plow to do his work in the way he wants it done.

Having combined with a number of large Eastern manufacturers of agricultural implements, the "Chicopee Line" sales and distribution facilities have been greatly extended, so that plows, implements, repair parts, etc., will be within closer reach of the dealer and can be obtained more quickly. A single order can include tools and implements of many types, and the entire farm can be equipped with machines and tools of a single make.

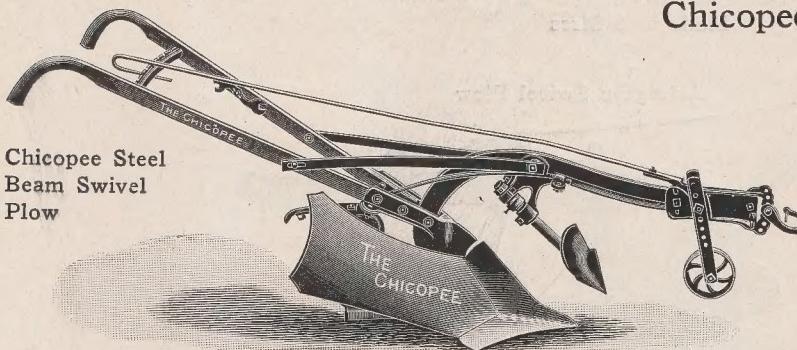
Remember, these plows are but a part of our line of agricultural implements. We have separate booklets covering each part of the line. Ask for any or all of them and for any information or suggestion you want. Address the general office or nearest sales branch listed below.

### BATEMAN AND COMPANIES, Inc.

347 MADISON AVENUE - - - - - NEW YORK CITY

#### DISTRICT SALES BRANCHES :

Belcher and Taylor Agricultural Tool Company Division, Chicopee Falls, Mass.  
Richardson Manufacturing Company Division, Worcester, Mass.  
Bateman Manufacturing Company Division, Grenloch, N. J.



## Chicopee Wood Beam Swivel Plow

### Three Sizes

The latest pattern of the popular A, B, C Series. Of light weight, good capacity and thoroughly constructed. This is not a new series of plows, but an improvement over old forms by other makers.

The Wood Beams are of Eastern Oak, neatly striped and varnished.

Moldboards are furnished in solid steel and of steeled metal of increased strength.

Automatic Colters are used, which are always in line with the cutting edge of the share.

A Shifting Lever Clevis is also furnished for quickly changing the width of the cut.

A Spring Foot Latch first used by us in the New England trade.

## Chicopee Steel Beam Swivel Plow

With Jointers or Straight Colters.

We show in the cut our latest addition to our line of Swivel Plows and call particular attention to the symmetrical shape with easy running lines, promoting light draft.

These Solid Steel Beams with unusual clearance at the throat are made from special steel, unrivaled for strength.

The Moldboards of extra length are furnished in solid steel or steeled metal.

The Adjustable Handles can be raised to suit the height of the user and are of extra size, well braced with steel side straps, which are fastened to the beam.

An Automatic Joiner or Colter is furnished, which is always in line with the cutting edge of the share. It has few parts and is not liable to get out of order.

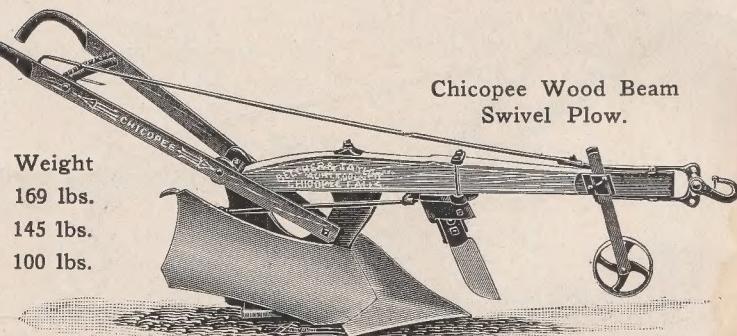
The Shifting Lever Clevis is held firmly in position at all times and makes an easy handling plow for straightening irregular or crooked furrows.

The Spring Foot Latch is of easy operation with take-up for wear at the ends.

The Wheel has an adjustable double steel standard.

Sizes	Capacity	Weight
19	One Horse 6 x 12 in.	129 lbs.
20	Two Horse 7 x 14 in.	166 lbs.

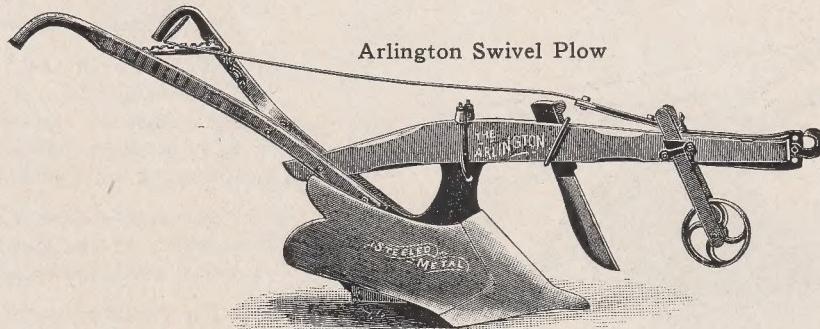
Sizes	Capacity
A	Two Horse 9 x 16 in.
B	Two Horse 8 x 14 in.
C	One Horse 5 x 11 in.



Chicopee Wood Beam  
Swivel Plow.

## Arlington Swivel Plow

Made in 5 Sizes



A popular line of Wood Beam Swivel Plows, light in weight and with great clearance, making them of exceptional value when plowing weedy land.

The Moldboards, which are longer than appear in the cut, have good turning qualities and with easy entrance into the soil. They are made only in steeled metal, with the exception of No. 26, which has a moldboard made of solid steel.

The Wood Beams are from native stock, neatly striped and varnished.

The Jointer Attachment shown in cut opposite is so made that it obviates all clogging both above and below the jointer arm and is used on numbers 29 and 30.

It can be adjusted to any desired depth as readily as jointers on landside plows.

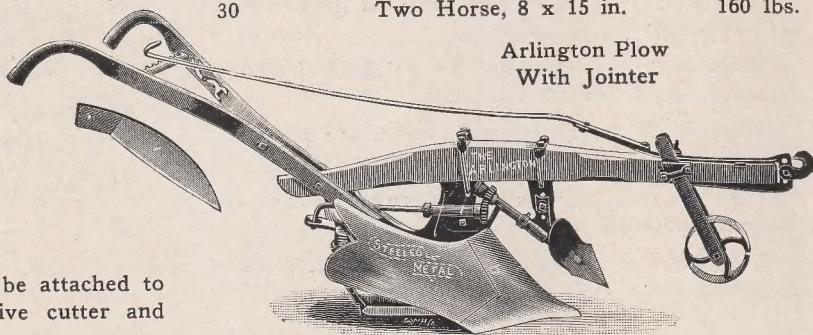
When desired a straight cutter can be attached to the beam shank, making an inexpensive cutter and jointer attachment.

Number	Capacity	Weight
26	One Horse, 4 x 10 in.	80 lbs.
27	One Horse, 5 x 11 in.	85 lbs.
28	Light Two Horse, 6 x 12 in.	125 lbs.
29	Medium Two Horse, 7 x 14 in.	125 lbs.
30	Two Horse, 8 x 15 in.	135 lbs.

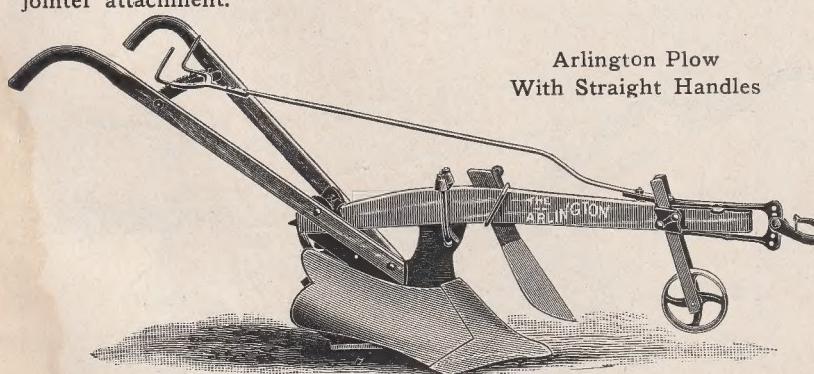
Nos. 29 and 30 are also made with Steel Beams:

29	Medium Two Horse, 7 x 14 in.	150 lbs.
30	Two Horse, 8 x 15 in.	160 lbs.

Arlington Plow  
With Jointer



Arlington Plow  
With Straight Handles

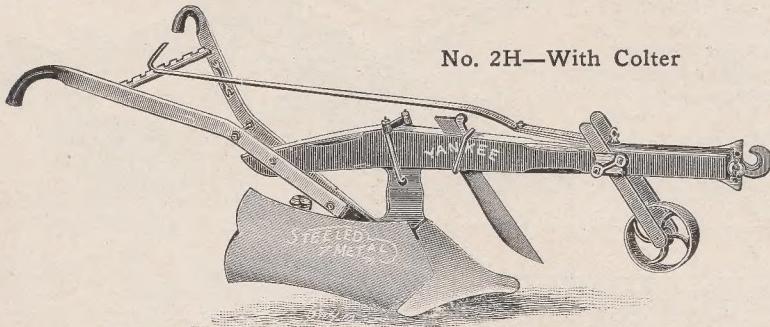


This illustration shows No. 27S One Horse Arlington Plow with Straight Handles. This is a popular light weight one horse plow. We can furnish all sizes of Arlington Plows with straight handles when ordered.

## The Yankee Wood Beam Swivel Plow

Six Sizes

With Patent Steel Shifting Lever and Clevis



This is an old and popular line made in a large variety of sizes.

The Beams are of Eastern Oak and are painted, striped, and varnished, making an attractive appearing plow.

The Standards are high, giving good clearance, besides making a plow well adapted for use with a rolling caster colter.

Jointers are furnished with the two leading sizes, 2-H and 3-H, which adjust automatically at each reversal of the plow.

The Moldboards are of steeled metal of good turning qualities, making a plow well adapted to a large range of work.

In addition to Jointers and Rolling Colters we furnish these Plows with Straight or Jointed Cutters.

The Shifting Lever Clevis is furnished for adjusting the width of the furrow when the plow is in motion.

All sizes are provided with spring foot latches, so that the plow can be turned without the removal of the hands from the handles.

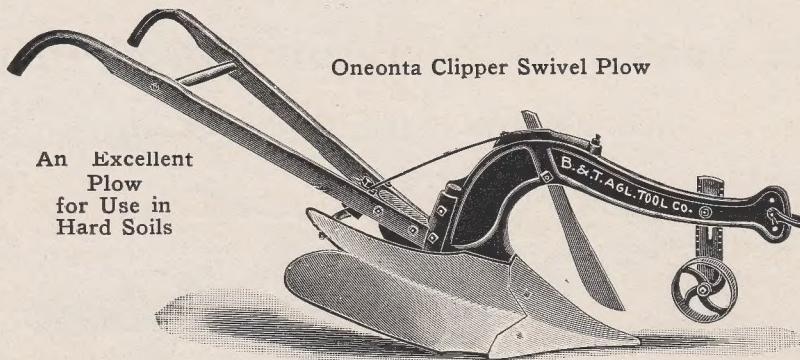
Number	Capacity	Weight
00-H	One Horse, 4 x 10 in.	80 lbs.
0-H	Medium One Horse, 5 x 11 in.	85 lbs.
1-H	Large One Horse, 6 x 12 in.	105 lbs.
2-H	Medium Two Horse, 7 x 14 in.	138 lbs.
3-H	Large Two Horse, 7 x 15 in.	148 lbs.
4-H	Three Horse, 7 x 18 in.	175 lbs.

The above weights are for Plows furnished with Wheel and Colter.

A Steel Moldboard is furnished with No. 3-H when ordered.

No. 3-H, with High Standard, Adjustable Rolling Colter and Foot Latch





An Excellent Plow for Use in Hard Soils

Oneonta Clipper Swivel Plow

### Oneonta Clipper Swivel Plow

This Plow contains some improvements not found in other Swivel Plows. The Shifting Handles, vibrating from the center of the beam, bringing the colter into position at each turn of the moldboard, enables the operator to walk square behind the plow, in the furrow. The Hook or Latch is operated by the foot, so that the plow is turned ready for use without taking the hands from the handles. It is easy to handle, light to draw, firm, strong and durable. It being a very short plow, it is easily worked among stones, stumps, into hollows and over knolls.

Number	Capacity	Weight
*16	Two Horse 7 x 14 in.	160 lbs.
*18	Large Two Horse 8 x 16 in.	160 lbs.

Those Plows having their number prefixed by a star are also made with moldboard of steeled metal.

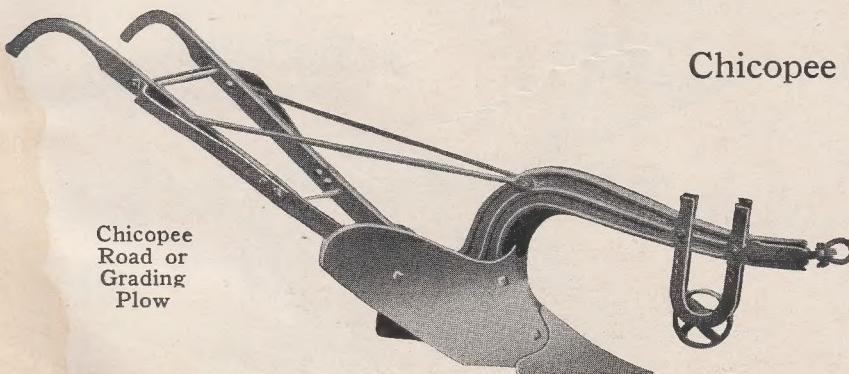
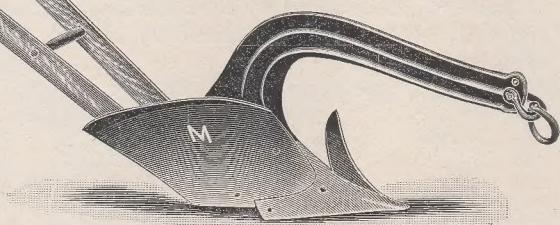
### M Iron Beam Plow

This Plow is an old established favorite, and much in demand in rough, stony ground where a short beam plow is called for, and for use with two horses.

It is of good strength and furnished with plain or colter shares.

It is made in both common iron or with steeled metal moldboards.

M Iron Beam Plow

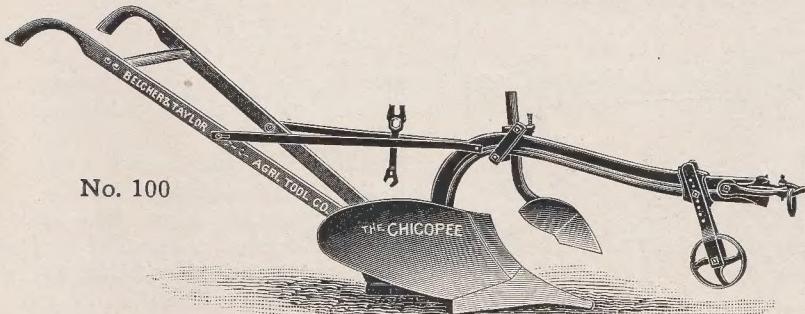


Chicopee Road or Grading Plow

### Chicopee Road or Grading Plow

Hard Iron Wearing Parts. Extra Heavy Beam, Share and Strip. Steel Wheel Frame. Loop handle Wear Irons. Will turn a furrow 4 to 9 inches deep, 12 to 15 inches wide. Substantial and heavy enough for ordinary contractors' work when used with two or four horses. Weight, with wheel, 210 lbs.

## Chicopee Steel Beam Landside Plows



No. 100

The Shin Piece makes it easy to have a good cutting edge to the moldboard at all times, so lightening the draft.

The Landside and Shares of this Plow are of Cast Iron with Chilled Wearing Edges.

### No. 97

The Handles are adjustable to height and strengthened by steel side-straps fastened to beam.

The Beams are of steel and of good height with Clevis having both vertical and lateral adjustments.

The Moldboards are of Soft Center Steel, well hardened and polished. All have renewable steeled metal shin pieces and possess strong turning qualities.

The Jointer is of the approved round steel pattern, fastened strongly and without cutting through the beam and adjustable to depth.

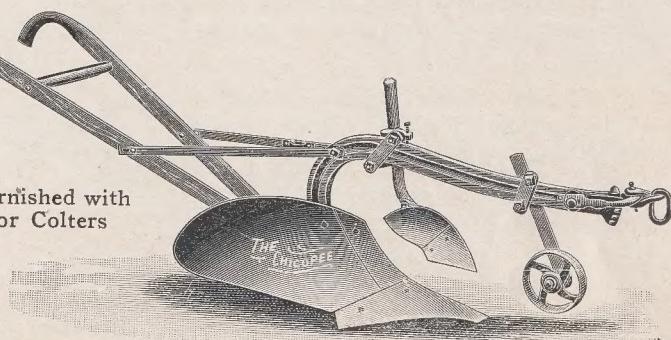
Shares are made from cast iron with chilled wearing surface and of sufficient suction for hard soil.

We furnish the same plow in numbers 98 and 99 with steeled metal mold and landside.



No. 55

No. 97—Furnished with Jointers or Colters



Nos. 98 and 99 are of same size as 96 and 97, but with Cast Steeled Metal Boards and Landsides.

Nos. 96 and 97 are made with hardened Steel Moldboards and Landsides.

No.	Capacity	Weight
96 Medium	2 Horse 7 x 14 in.	145 lbs.
97 Large	2 Horse 8 x 16 in.	155 lbs.
98 Medium	2 Horse 7 x 14 in.	160 lbs.
99 Large	2 Horse 8 x 16 in.	158 lbs.

## Chicopee Landside Iron Beam Plow No. 55

For Gardeners' Use

Polished Cast Iron Moldboard and Share. Straight Landside. Painted Handles, adjustable sideways or up and down. Horse can walk in the furrow or on the land. Wheel adjustable to height.

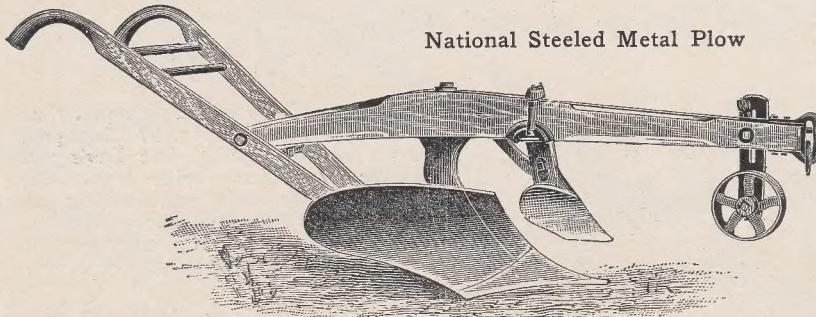
No.	Capacity	Weight
55	3 x 10	80 lbs.

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*The Chicopee Line*

COMPANIES, Inc.

84 YEARS IN BUSINESS



National Steeled Metal Plow

### National Steeled Metal Plow

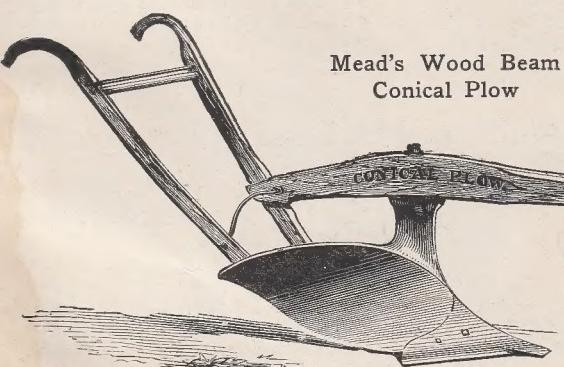
#### Seven Sizes

The Beam and Handles are painted bright red, striped and varnished, making with the polished face of moldboard and share an attractive appearing plow and unsurpassed for general purpose work.

A Straight Colter, Jointer, or Rolling Colter are furnished.

The Wheel is adjustable and set to run under or side of the beam.

Nos.	Capacity	Weight
0	1 Horse 5 x 10 in.	56 lbs.
1	1 Horse 5½ x 11 in.	67 lbs.
1½	1 Horse 5½ x 12 in.	73 lbs.
2 Large	1 Horse 6 x 12 in.	95 lbs.
3 Medium	2 Horse 7 x 13 in.	104 lbs.
4 Large	2 Horse 8 x 15 in.	110 lbs.
5	3 Horse 8 x 16 in.	156 lbs.



Mead's Wood Beam Conical Plow

### Oxford Wood Beam Plow

#### Five Sizes

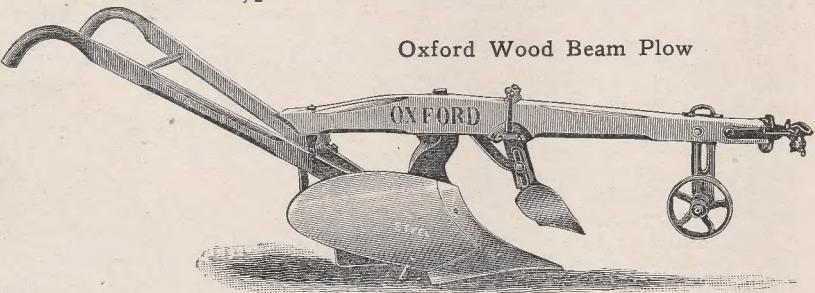
This is a combination plow with Moldboard of extra quality hardened steel.

The Shin Piece and Share is of cast iron, the Landside of Solid Steel.

We furnish the larger sizes with Jointers or Straight Colters.

We make No. 94½ and No. 95½ with shorter beam than No. 94 and 95, and the handles stand somewhat straighter, as shown in cut.

Number	Capacity	Weight
0	One Horse 5½ x 11 in.	65 lbs.
1	One Horse 6 x 12 in.	75 lbs.
1½	One Horse 6 x 12 in.	80 lbs.
94-94½	Two Horse 7 x 14 in.	125 lbs.
95-95½	Two Horse 8 x 15 in.	130 lbs.

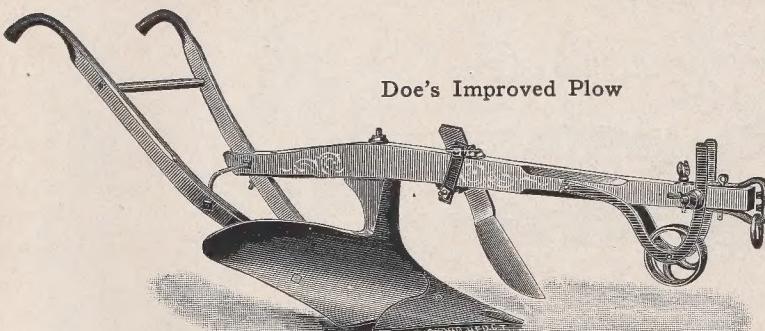


Oxford Wood Beam Plow

### Mead's Wood Beam Conical Plow

The Conical Plow is a strong, substantial plow, and nearer a center draft than any of the common plows in use and made of common iron or steeled metal. Star indicates steeled metal. When made in Steeled Metal they are furnished with Index or Swing Beams.

No.	Capacity	Weight
2	Medium 1 Horse 5 x 10 in.	50 lbs.
*2½	Large 1 Horse 5½ x 11 in.	50 lbs.
3	Light 2 Horse 6 x 12 in.	83 lbs.
*4	Sod 2 Horse 7 x 13 in.	113 lbs.
5	2 or 3 Horse 8 x 15 in.	115 lbs.
*5½	Sod and Stony	
	Land 8 x 15 in.	127 lbs.
6	2 or 3 Horse 8 x 16 in.	135 lbs.



Doe's Improved Plow

### Doe's Improved Plow

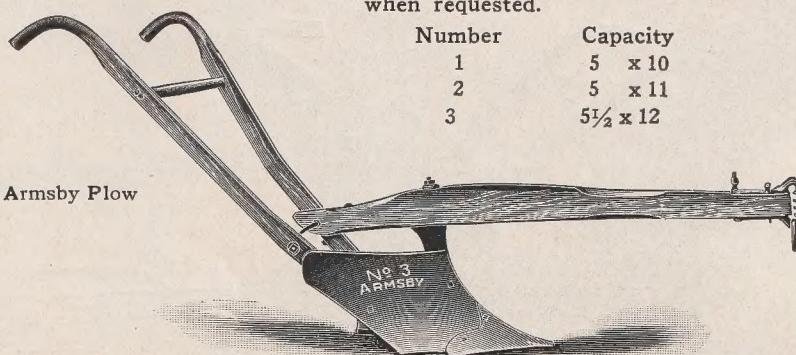
We are making this celebrated plow from IMPROVED PATTERNS, which, while retaining original form of moldboard, are made with higher standards of such form that clogging, so objectionable in the old plow, is obviated. This Plow is deservedly popular; owing to the position of the landside with the convex moldboard, it turns a diamond shaped furrow, laying it very flat, covering up all grass, weeds, etc., without using a jointer. It is made of the best plow iron, in five sizes, suitable for one, two or three horses.

Number.	Capacity	Weight
E-0	Medium, One Horse, 5 x 10 in.	40 lbs.
*E-1	Large, One Horse, 5½ x 12 in.	55 lbs.
*E-2	Light, Two Horse, 6 x 12 in.	65 lbs.
*E-3	Medium, Two Horse, 7 x 14 in.	113 lbs.
*E-4	Two or Three Horse, 8 x 16 in.	120 lbs.

The Star preceding the numbers above indicates that these sizes are also made with polished steel metal moldboards.

The Handles and Beams are made from selected stock and well finished. These sizes, with star, are also furnished with index or swinging beams for landing the plow.

Numbers E-0 and E-1 are one-horse Plows; other numbers for use with two horses.

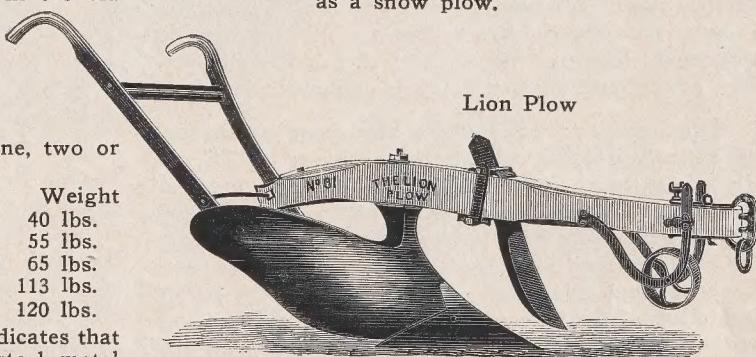


Armsby Plow

### The Lion Plow

Of which we have the Original and Only Genuine Patterns

This pattern of plow, although at the time it was put on the market was a leading plow, at the present time has been superseded by our new patterns. We still furnish castings for these plows when ordered. We retain this in our catalogue for the convenience of our customers who require parts for repairs. The No. 60 we make with an extension moldboard, which is used in some cities as a snow plow.

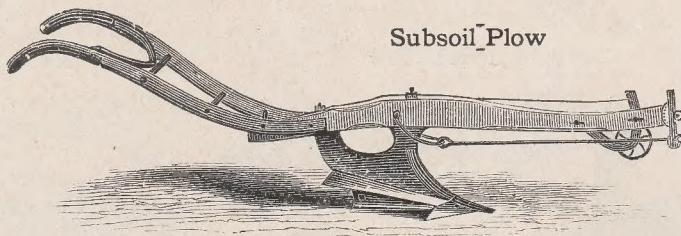


### Armsby Plow

The small sizes of Armsby Plows are excellent for common one-horse plows. We furnish larger sizes when requested.

Number	Capacity	Weight
1	5 x 10	40 lbs.
2	5 x 11	45 lbs.
3	5½ x 12	50 lbs.

Subsoil Plow



### Subsoil Plow

The subsoil follows directly after and in the channel made by the plow turning the surface soil, loosening and pulverizing the lower soil to any desirable depth, without bringing it to the surface. The Subsoil Plow is specially valuable in lands where the top soil rests upon hard-pan but a few inches below the surface, and in lands of a stiff clay or other tenacious soil.

Although at first thought it may seem a paradox, yet in the working of such lands the use of the Subsoil Plow is of great advantage, both in dry and wet seasons. If permitted to do so, plants will, in a dry season, extend their roots deeply into the earth; and by the use of the Subsoil Plow the stiff under soil or hard-pan is opened and pulverized, so as to promote the ascent of moisture from below, as well as permit the roots of vegetation to push lower down, and away from the more parching influence of the sun. Again, lands of a stiff, compact soil are, in a wet season, naturally too

cold, clammy and moist; but by being deeply loosened and opened the excess of moisture filters below; the surface soil thus relieved is made light, mellow and warm, and the crops prosper accordingly.

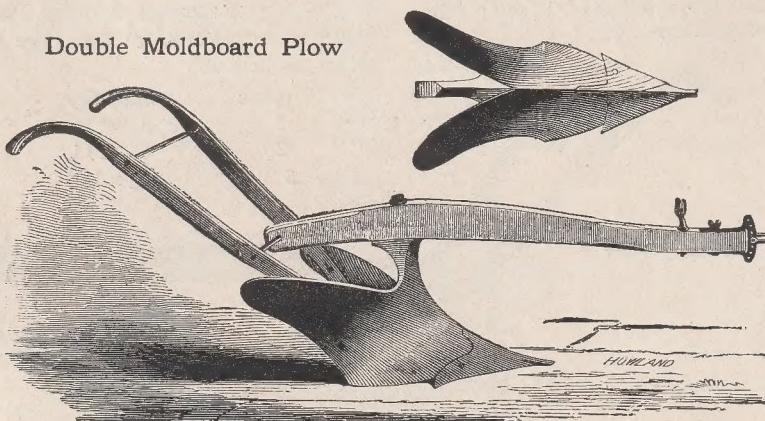
No. 1, Two Horse, with Wheel and Draft Rod.  
 Weight 95 lbs.

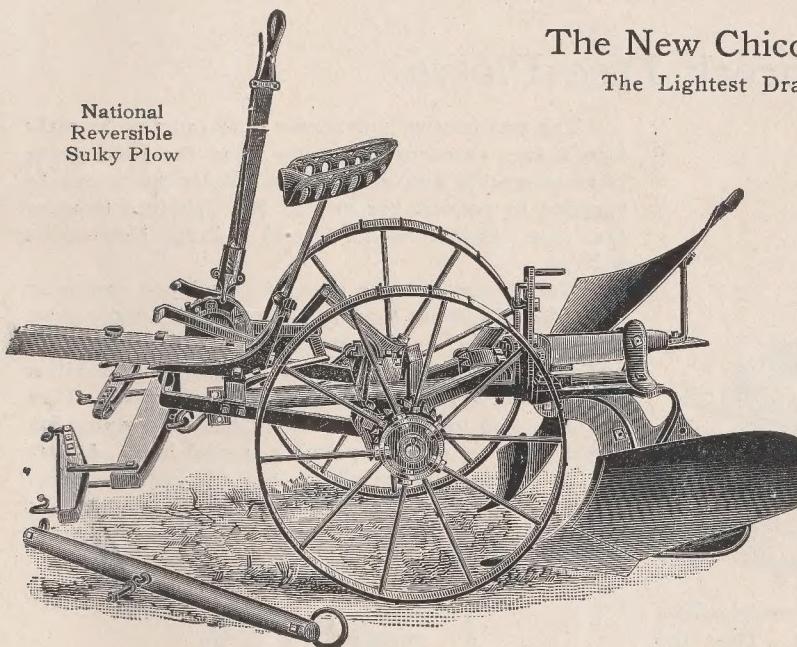
### Double Moldboard Plow

Our Double Moldboard Plow is a one horse plow used for making drills to plant potatoes, corn, etc. It is often used for plowing between rows, and throws the earth both ways to the plant, thus doing the work of two plows; many farmers use it for digging potatoes. It is a convenient plow for many kinds of work, such as ditching, etc.

No. 1, One Horse ..... Weight 40 lbs.  
 No. 1½, Medium ..... " 55 lbs.

Double Moldboard Plow





### National Reversible Sulky Plow (Strait's Patent)

The National Reversible Sulky Plow first brought out by this Company in 1885 was one of the first successful Reversible Sulky Plows made.

It differs from all the so-called "reversible" or "two-way" riding plows in that both plows are mounted on a single beam, greatly simplifying their construction and making their operation much easier, besides giving lighter draft.

The Beam being hung midway between the wheels, the line of draft is always from the beam point and central with the draft of the Plow. This renders a shifting hitch or guiding lever less necessary and so avoids the troublesome changing found in other constructions of two-way Plows.

The Plow is without side draft, being in the same position when at work as a walking Plow. Several thousand of these Plows are now in use, giving good satisfaction.

We use a strong wheel which is well adapted for the work, and other parts of the Plow stand the strain of hard usage due to the rough farms so common in the East.

General purpose bottoms with tempered steel moldboards, cast landsides and shares are used. With each Sulky we send neck yoke, evener and whiffletrees for use with two or three horses. Straight or Rolling Colters or Jointers furnished as ordered.

### The New Chicopee Reversible Sulky Plow

The Lightest Draft and Easiest Operated Reversible Sulky Plow Made

Leaves lands without ridges or dead furrows.

Equally adapted for hillside or level farms.

Bottoms automatically raised by traction of both wheels.

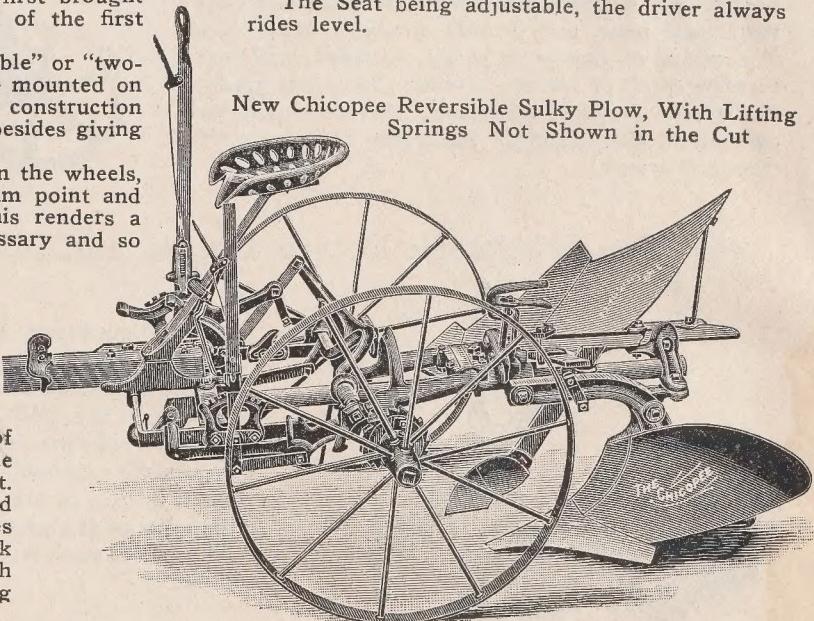
Landing Lever for changing the width of the cut.

The Chicopee Sulky Plow, shown here, while made on the same principle as the National, having a single beam, has the added feature of a guiding lever for changing instantly the width of the furrow, which is located conveniently at the side of the driver. The Chicopee is easy of operation, as unlocking the hand lever at the rear of the driver causes the upper plow to fall, which makes the reversal very simple. A touch of the foot at the side drops the plow into the furrow, while a touch on the foot treadle engages the dogs on the end of

the dog bar with large ratchets on the hub of each wheel, so that all labor of raising the plow is transferred to the horses. As the traction of both wheels is used there is no side lash to the pole.

The Seat being adjustable, the driver always rides level.

New Chicopee Reversible Sulky Plow, With Lifting Springs Not Shown in the Cut



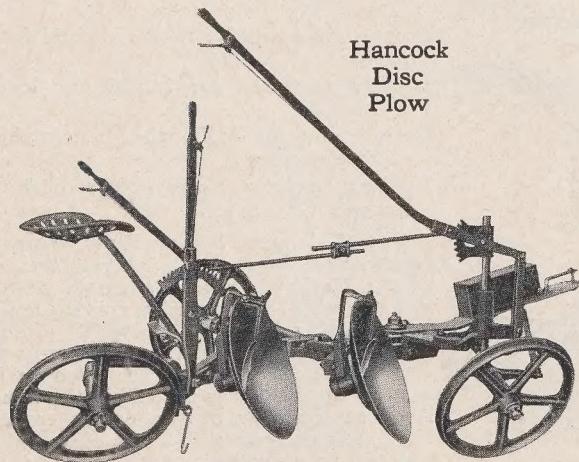
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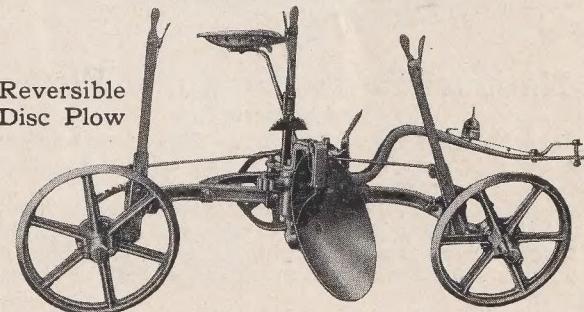
## Hancock Disc Plows



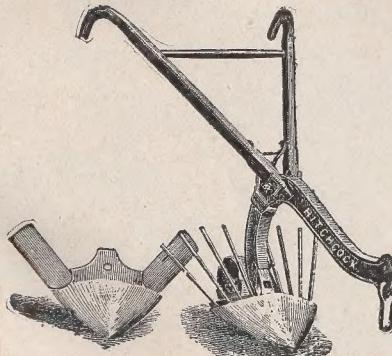
The Hancock Disc Plow and the Reversible Disc Plow are products of our Canadian plant. They are extensively used in the United States. With these celebrated plows, stalks, trash and weeds are turned under thoroughly, soil is pulverized and hardpan layers broken up. A single disc plow turns more soil than a moldboard plow, and is fully one-third lighter draft. The width of furrow is easily regulated, and levers regulate depth of furrow. 24-inch Discs, best grade of disc steel. Scrapers adjustable. Grease compression cups on all disc bearings. Each plow includes whiffle-trees and evener.

The two-furrow type shown here can also be made into a one, three or four disc plow, the parts being interchangeable and convertible. Extra parts can be supplied to convert the one or two disc into three or four disc. Adjustable, 10, 11 and 12 inch. Net weight, 822 lbs.

The Reversible type plows forward and return on next furrow without turning plow around. Simply press lever with foot, and team reverses for plowing back and forth on same side of land. Works well on either hillsides or level land or in plowing terraces. Plow easily leveled for hillside work. Leaves no water furrows. May be used in plowing around land. Adjustable for more land by sliding out one casting. Main frame and pole, fluted steel beams. Strong, durable and easy to operate. Opens furrows 10 to 14 inches wide; 4½ to 10 inches deep. Net weight, 636 lbs.



## The Hitchcock Potato Digger and Shovel Plow Combined



This implement, though very simple in appearance, is the result of much study and many experiments; and it is as near perfect as can be attained and come within the reach of every farmer. It is a SUCCESS. By the changing of one bolt it may be converted either into a Shovel Plow or a Potato Digger. The fingers are adjustable, being held in position by the plow point. Thus, in case of breakage, a new part may be inserted without the expense of a whole new head. The fingers, points, and wings are made of steel, rendering it light, strong, and durable. Weight, 68 lbs.